

510a

Loading		Save	Change	Log	Views	Tools
<input type="button" value="Create Type"/>	<input type="button" value="Edit Type"/>	<input type="button" value="Delete Type"/>	<input type="button" value="Delete Subtype"/>	<input type="button" value="Rename Type"/>	<input type="button" value="Change Super"/>	<input type="button" value="Find Type"/>
<b>TopType</b> Entity <input type="text" value="524"/> Group <input type="text"/> Immaterial Entity <input type="text" value="522"/> Individuated Entity <input type="text"/> Area <input type="text"/> Celestial Body <input type="text"/> Individuated Functional Entity <input type="text" value="520"/> Individuated Instrumental Entity <input type="text"/> Communication Medium <input type="text" value="516"/> Financial Instrument <input type="text"/> <b>Mutual Fund</b> <input type="text"/> Payment Instrument <input type="text"/> Individuated Tool Entity PartOf <input type="text"/> Representational Artifact <input type="text"/> Social Entity <input type="text"/> Sound <input type="text"/> Source <input type="text"/> Virtual Object <input type="text"/> Visual Image <input type="text"/> Material Entity <input type="text"/>						
<b>Mutual Fund</b> "a Complex GLEntity" <input type="text" value="530"/>  formal: #([[Company]] [[Financial Instrument]]) indirectAgentive: [[Found Activity]] directTelic: [[Business Activity]] instrumentTelic: [[Invest Activity]] genre: [[Genre]] location: [[Locative Relation]]						
<input type="button" value="Create"/>	<input type="button" value="Edit"/>	<input type="button" value="X-D Mat"/>	<input type="button" value="Copy"/>	<input type="button" value="Rename"/>	<input type="button" value="Delete"/>	<input type="button" value="Multiple Del"/>
<input type="button" value="Find"/>	<input type="button" value="Change Type"/>	<input type="button" value="Change Types"/>				
mutual fund mutual fund - 2 "a CollocationalNounEntry"  type: [[Mutual Fund]] name: mutual fund <input type="text" value="540"/>						

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Fig 5



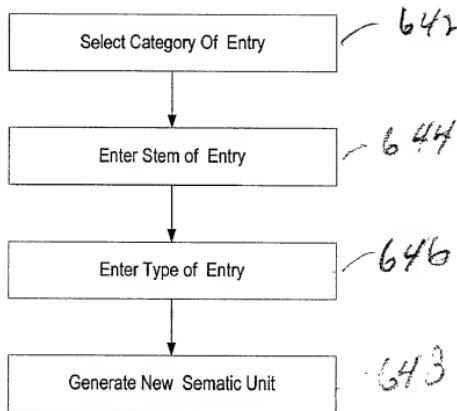


FIG. 6B

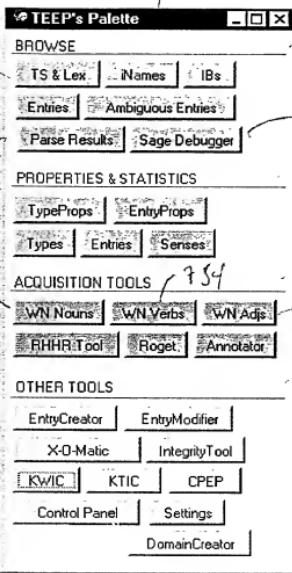
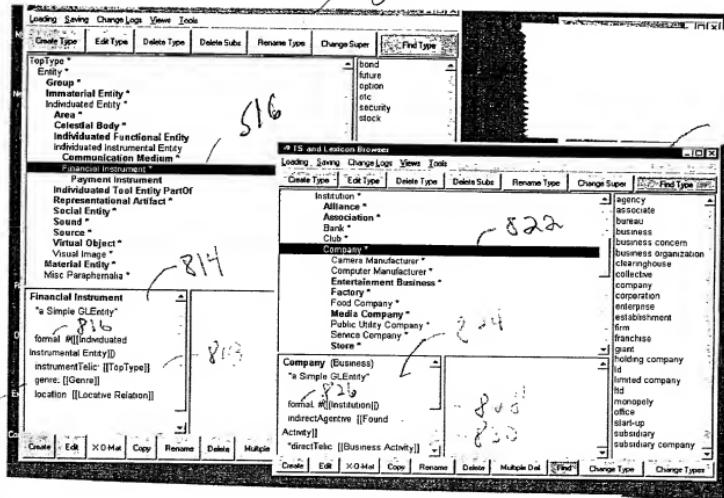


Fig. 7



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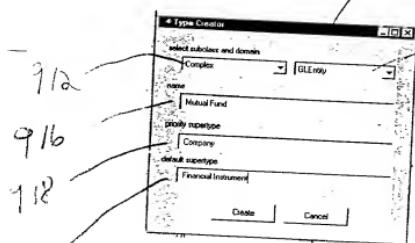
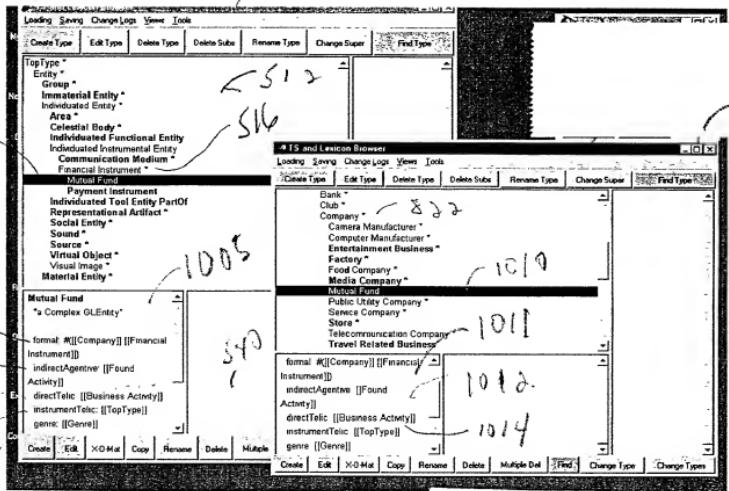


Fig. 7



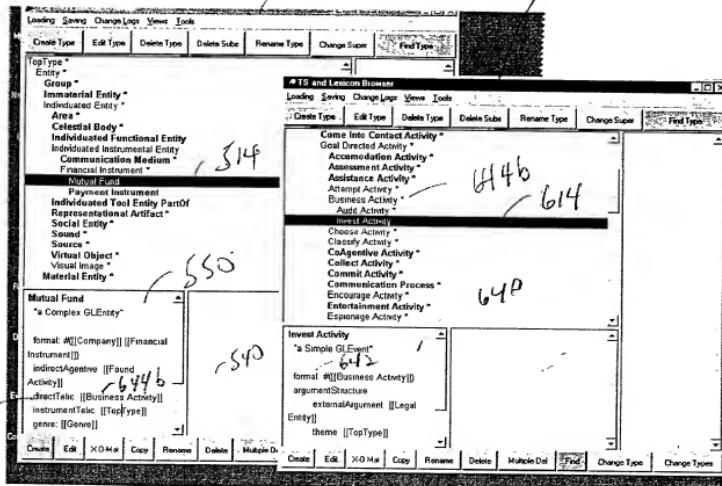
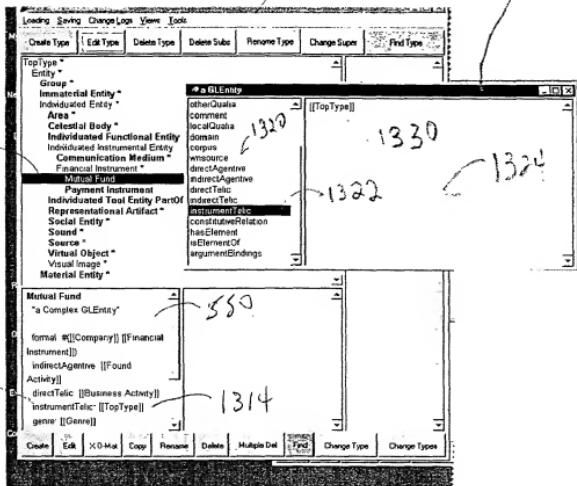


Fig. 12



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Entity Browser

Loading Saving Change Logs Views Tools

Create Type Edit Type Delete Type Delete Subs Rename Type Change Super Find Type

TopType \* Entity \* Group \*

**Immaterial Entity \***  
Individuated Entity \*  
Area \*  
Celestial Body \*  
**Individuated Functional Entity**  
Individuated Instrumental Entity  
Communication Medium \*  
Financial Instrument \*  
**Mutual Fund**

Payment Instrument  
Individuated Tool Entity PartOf  
Representational Artifact \*  
Social Entity \*  
Sound \*  
Source \*  
Virtual Object \*  
Visual Image \*  
Material Entity \*

**Mutual Fund**  
"a Complex GLEntity"  
  
format: #[[Company]] [[Financial Instrument]]  
indirectAgentive: [[Found Activity]]  
directTelic: [[Business Activity]]  
\*InstrumentTelic: [[Invest Activity]]  
genre: [[Genre]]  
location: [[Locative Relation]]

Code Edit X-D-Mat Copy Rename Delete Multiple Del Find Change Type Change Types

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Fig 11

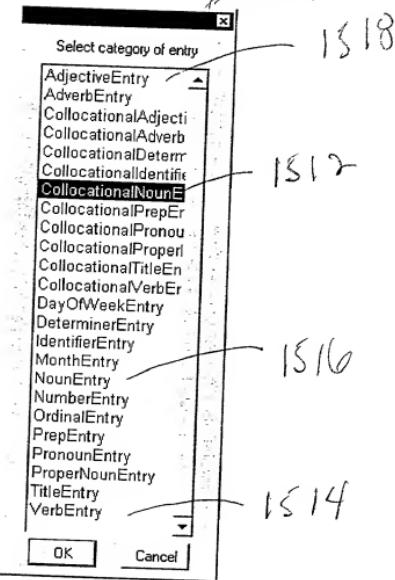


Fig. 15

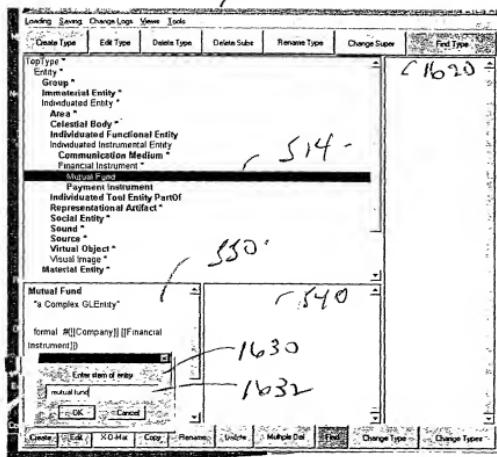


Fig 16

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File		Edit		Change Logs		Views		Tools	
<input type="button" value="Create Type"/>	<input type="button" value="Edit Type"/>	<input type="button" value="Delete Type"/>	<input type="button" value="Delete Subs"/>	<input type="button" value="Rename Type"/>	<input type="button" value="Change Super"/>	<input type="button" value="Find Type"/>			
<p>TopType *</p> <p>Entity *</p> <p>Group *</p> <p>Immaterial Entity *</p> <p>Individuated Entity *</p> <p>Area *</p> <p>Celestial Body *</p> <p>Individuated Functional Entity</p> <p>Individuated Instrumental Entity</p> <p>Communication Medium *</p> <p>Financial Instrument *</p> <p><b>Mutual Fund *</b></p> <p>Payment Instrument</p> <p>Individuated Tool Entity PartOf</p> <p>Representational Artifact *</p> <p>Social Entity *</p> <p>Sound *</p> <p>Source *</p> <p>Virtual Object *</p> <p>Visual Image *</p> <p>Material Entity *</p>									
<p>mutual fund</p> <p>1710</p> <p>✓ 314</p> <p>✓ 360</p> <p>✓ 20</p> <p>✓ 340</p>									
<p><b>Mutual Fund</b></p> <p>"a Complex GLEntity"</p> <p>formal: #([[Company]] [[Financial Instrument]])</p> <p>indirectAgentive: [[Found Activity]]</p> <p>directTelic: [[Business Activity]]</p> <p>*instrumentTelic: [[Invest Activity]]</p> <p>genre: [[Genre]]</p> <p>location: [[Locative Relation]]</p>									
<p>mutual fund - 2</p> <p>"a CollocationalNounEntry" 7722</p> <p>type: [[Mutual Fund]] 542</p> <p>name: mutual fund</p> <p>✓ 1726</p>									
<input type="button" value="Create"/>	<input type="button" value="Edit"/>	<input type="button" value="X-D-Mat"/>	<input type="button" value="Copy"/>	<input type="button" value="Rename"/>	<input type="button" value="Delete"/>	<input type="button" value="Multiple Del"/>	<input type="button" value="Find"/>	<input type="button" value="Change Type"/>	<input type="button" value="Change Types"/>

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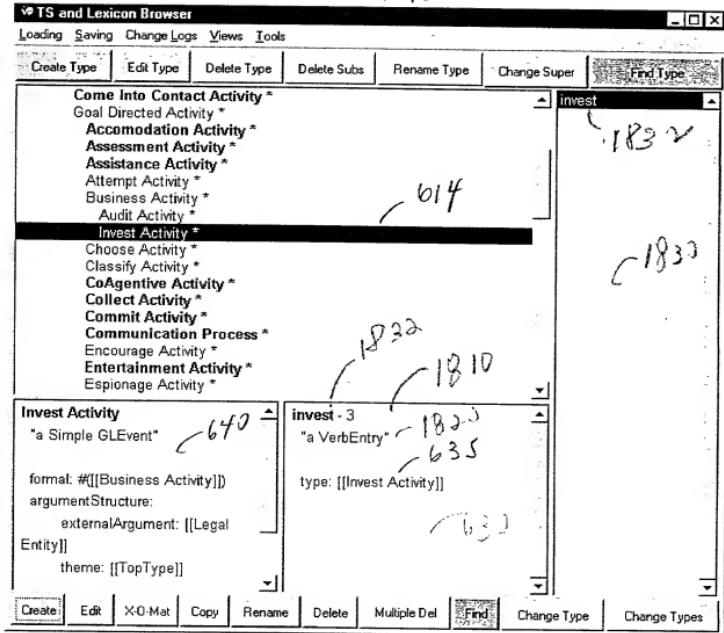


Fig 18

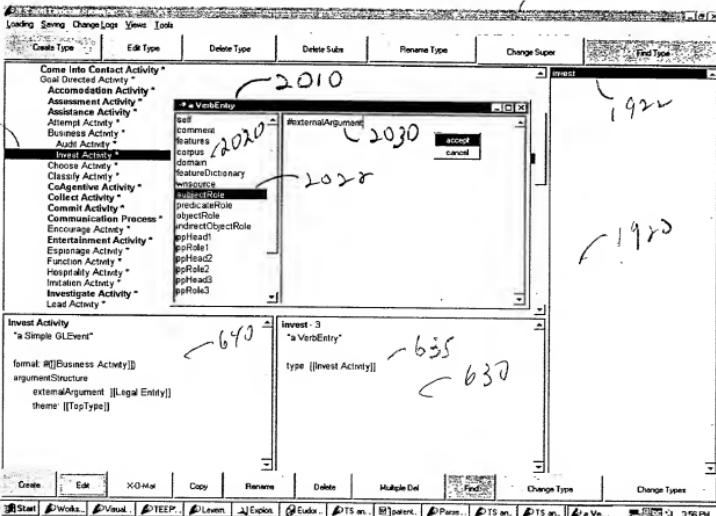


Fig 19

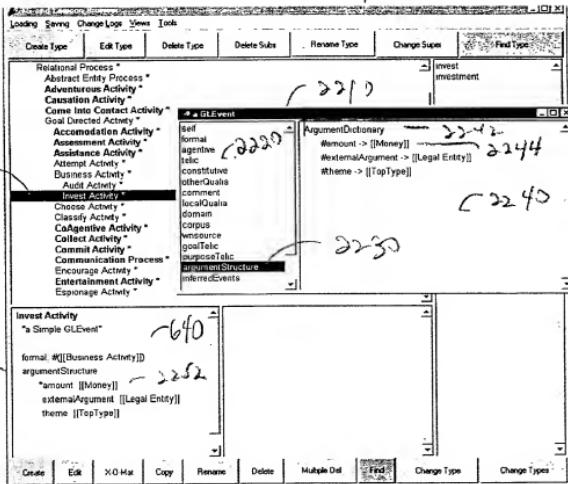


Fig 10

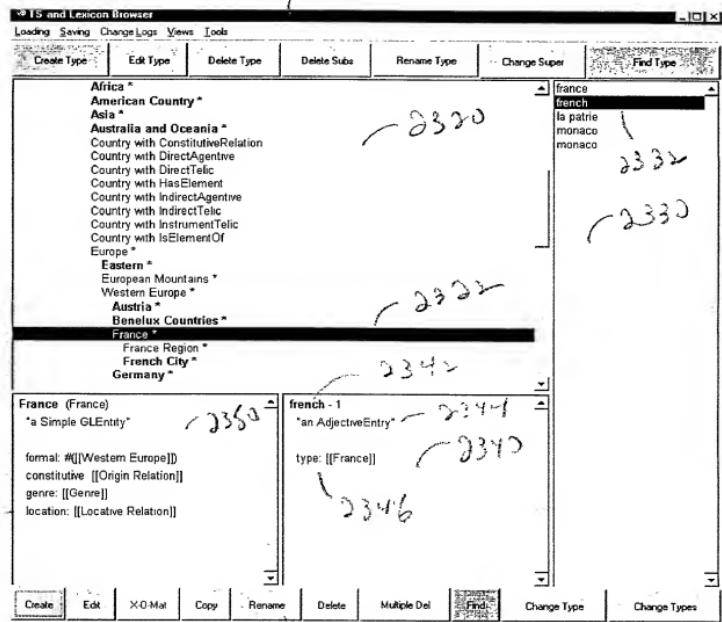


Fig 21

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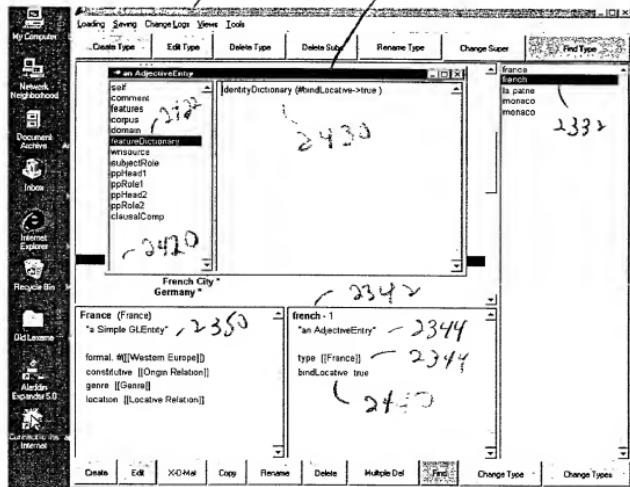


Fig 22

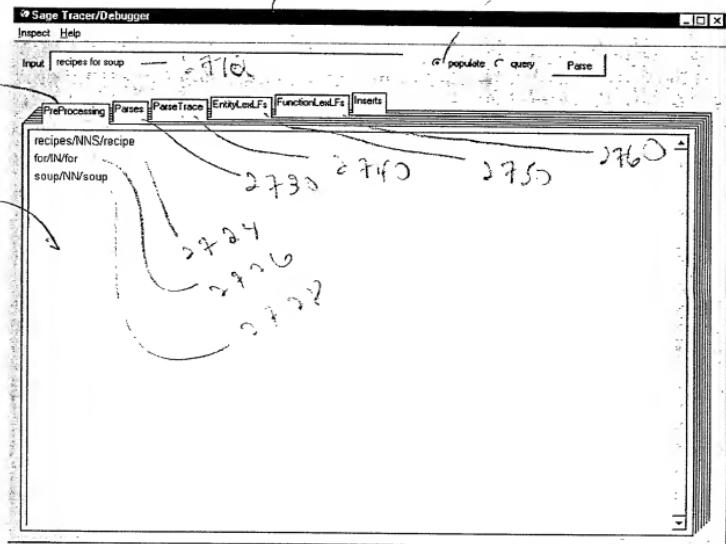
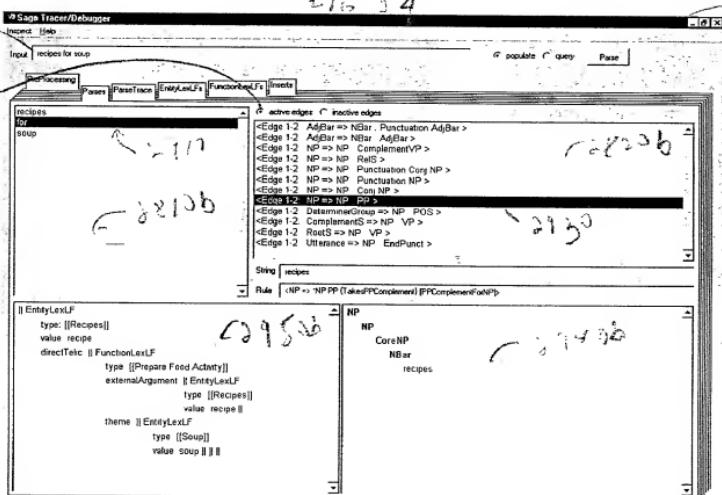
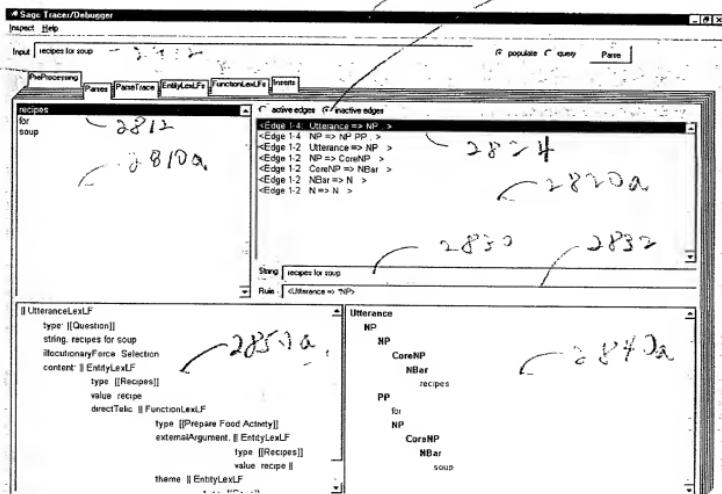
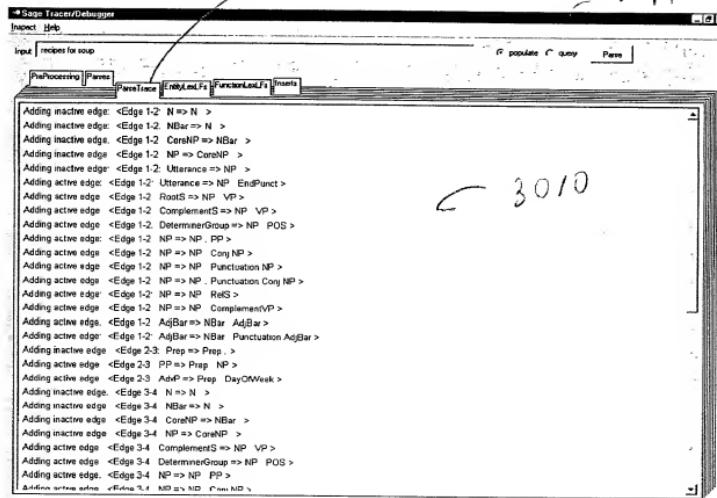


Fig 2



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Fig 26 a

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Java Tracer/Debugger

Input: soup

Output: recipes for soup

Populate C Query Page

Preprocessing Parser ParseTree EntityLexList FunctionLexList Events

```

Adding inactive edge. <Edge 3-4. NP => CoreNP >
Adding active edge* <Edge 3-4. ComplementS => NP VP >
Adding active edge* <Edge 3-4. DeterminerGroup => NP POS >
Adding active edge* <Edge 3-4. NP => NP VP >
Adding active edge* <Edge 3-4. NP => NP Conj NP >
Adding active edge* <Edge 3-4. NP => NP Punctuation Conj NP >
Adding active edge* <Edge 3-4. NP => NP ReS >
Adding active edge* <Edge 3-4. NP => NP ComplementVP >
Matching <Edge 2-3. PP => Prep NP > with <Edge 3-4. NP => CoreNP >
Adding inactive edge* <Edge 2-4. PP => Prep NP >
Matching <Edge 1-2. NP => NP PP > with <Edge 2-4. PP => Prep NP >
Adding inactive edge* <Edge 1-4. NP => NP PP >
Adding inactive edge* <Edge 1-4. Utterance => NP >
Adding active edge* <Edge 1-4. Utterance => NP EndPunct >
Adding active edge* <Edge 1-4. RootS => NP VP >
Adding active edge* <Edge 1-4. ComplementS => NP VP >
Adding active edge* <Edge 1-4. DeterminerGroup => NP POS >
Adding active edge* <Edge 1-4. NP => NP PP >
Adding active edge* <Edge 1-4. NP => NP Conj NP >
Adding active edge* <Edge 1-4. NP => NP Punctuation NP >
Adding active edge* <Edge 1-4. NP => NP Punctuation Conj NP >
Adding active edge* <Edge 1-4. NP => NP ReS >
Adding active edge* <Edge 1-4. NP => NP ComplementVP >
Adding active edge* <Edge 3-4. AdjBar => NBar AdjBar >
Adding active edge* <Edge 3-4. AdjBar => NBar Punctuation AdjBar >
Adding active edge* <Edge 3-4. NBar => N NBar >

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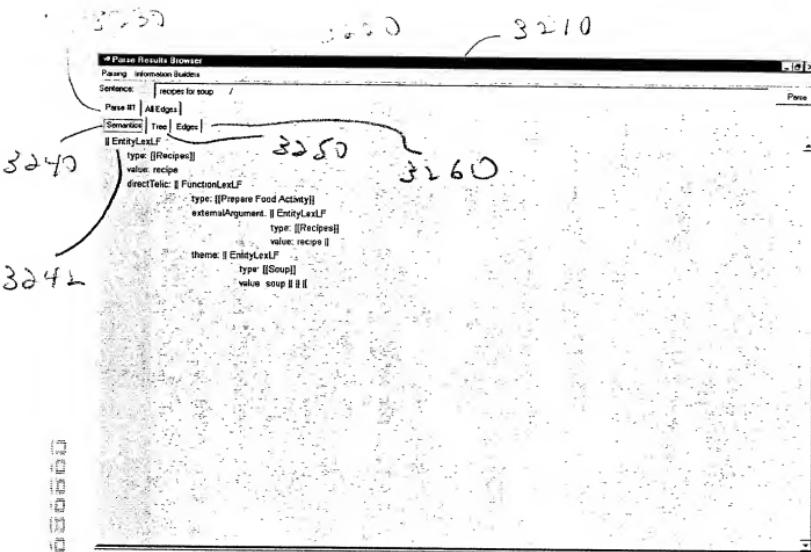


Fig 27

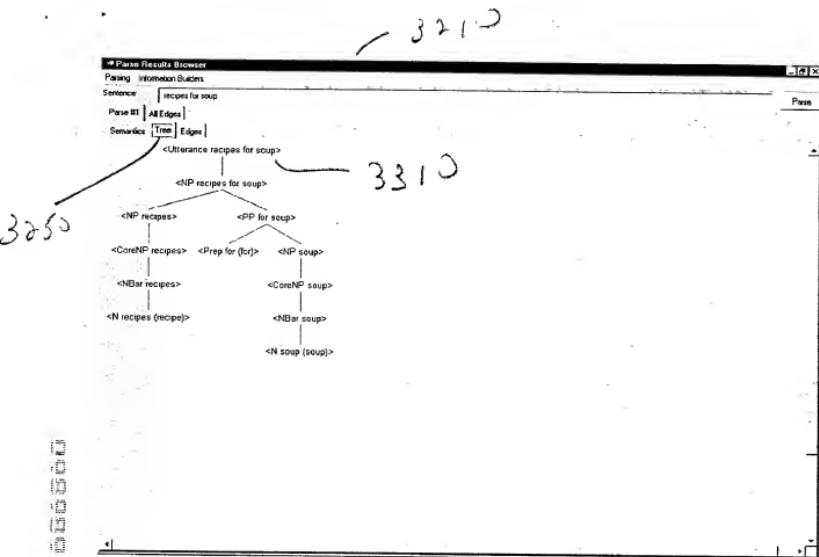


Fig 28

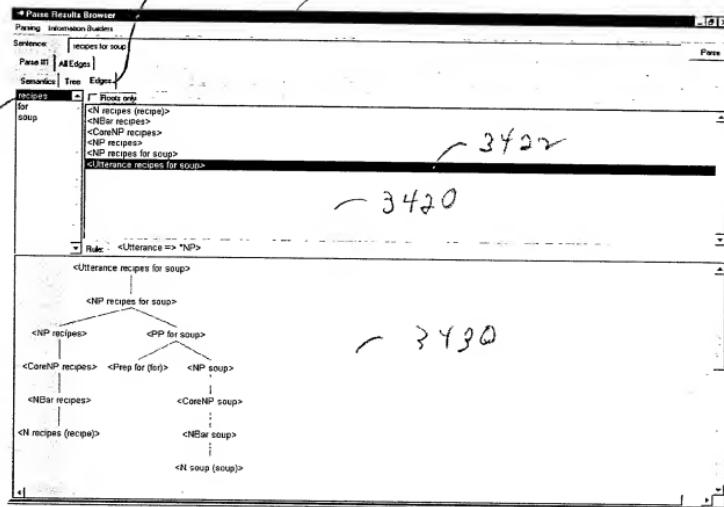


Fig. 29

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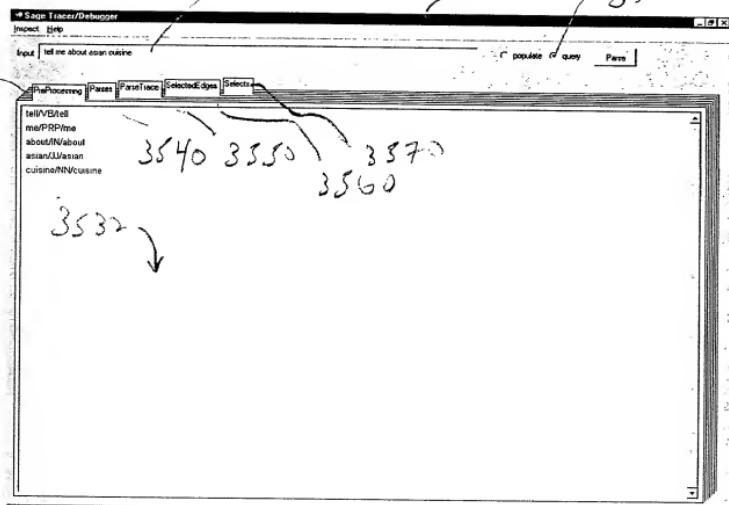


Fig 3D

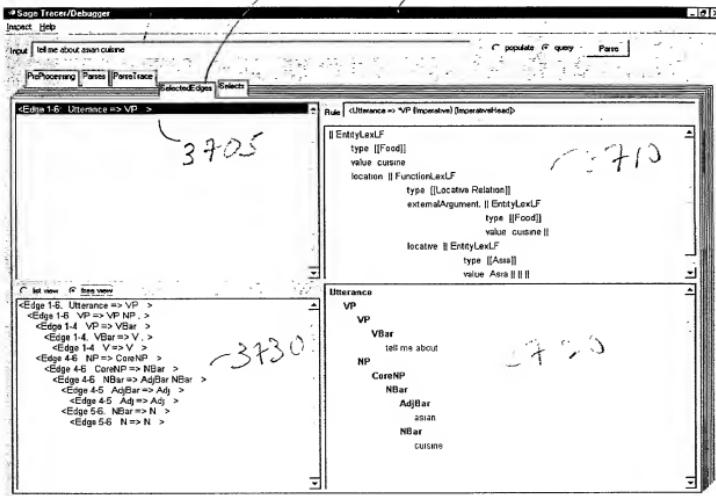


Fig 3 |